

LOGGED BY M. McKee	BEGIN DATE 1-2-08	COMPLETION DATE 1-7-08	BOREHOLE LOCATION (Lat/Long or North/East and Datum) N2120825.509 / E5997522.142 (NAD83)	HOLE ID DSB-R4A-PZ-I
DRILLING CONTRACTOR Gregg Drilling and Testing, Inc.	BOREHOLE LOCATION (Offset, Station, Line) Offset 9ft L Sta 50+15 SB Alignment		SURFACE ELEVATION 9.936 ft (NAVD88)	
DRILLING METHOD Mud Rotary	DRILL RIG Fraste Multi-drill (truck)		BOREHOLE DIAMETER 5 in.	
SAMPLER TYPE(S) AND SIZE(S) (ID) No samples collected	SPT HAMMER TYPE N/A		HAMMER EFFICIENCY, ERI N/A	
BOREHOLE BACKFILL AND COMPLETION 2" dia. Standpipe Piezo Screened 13.0 to 18.0 ft	GROUNDWATER READINGS	DURING DRILLING 1.83	AFTER DRILLING (DATE)	TOTAL DEPTH OF BORING 18 ft

ELEVATION (ft)	DEPTH (ft)	Material Graphics	Description	Sample Location	Sample Number	Blows per 6 In	Blows per Foot	Recovery (%)	RQD (%)	Moisture Content (%)	Dry Unit Weight (pcf)	Shear Strength (tsf)	Drilling Method	Casing Depth	Remarks
	0		2" ASPHALT CONCRETE.												AC and concrete cored to 9" using 6" diameter garbage barrel then over-cored to 16" using 16" diameter garbage barrel; no advance with 16" garbage barrel; pavement chipped to 16" diameter with jack-hammer and drilled to 7' with 12" diameter flight auger. Drilling ends for day at 7' 8" I.D. steel casing placed to 10'3" (9'11" long piece) and grouted in place
	1		7" CONCRETE.												
7.94	2		CLAYEY SAND with fine GRAVEL (SC), olive and dark gray, moist, trace brick fragments. [FILL]												
	3														
5.94	4														
	5		CLAYEY SAND (SC-CL), black, very moist to wet. [FILL]												
	6														
3.94	7		(Bay Mud not encountered to depth of 7.0')												
	8		CLAY (CH), high plasticity, gray to olive gray, very moist. [BAY MUD]												
1.94	9														
	10														
-0.06	11														
	12														
-2.06	13		CLAYEY SAND (SC), gray to greenish gray, very moist, trace silt. [MARINE SAND]												
	14														
-4.06	15														
	16														
-6.06	17														
	18		Gray to olive gray CLAY (Bay Mud) noted on bit at 18.0'. Borehole terminated at a depth of 18 feet on 1/7/2008.												
	19		See Boring Record Legend for soil classification chart and key to test data and sampler type.												
-10.06	20														
	21														
-12.06	22														
	23														
-14.06	24														
	25														

CALTRANS FORMAT DOYLEDRIVE ARUPLOGS 11-2-08.GPJ ARUP LIBRARY CALTRANS FORMAT GLB 11/3/08



Department of Transportation
Division of Engineering Services
Geotechnical Services

REPORT TITLE BORING RECORD				HOLE ID DSB-R4A-PZ-I
DIST. 4	COUNTY S.F.	ROUTE 101	POSTMILE 8.3/9.4	EA 163701
PROJECT OR BRIDGE NAME Doyle Drive Replacement Project				
BRIDGE NUMBER 34-164L	PREPARED BY T. Carroll		DATE 11-3-08	SHEET 1 of 1

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